



BNS General Assembly

23 May 2024



Agenda

1. Report of the chair
2. Report of the Secretary
3. By-laws - information
4. Report of the chairman of BNS-YG
5. Report of the treasurer and approval of the accounts
6. Elections
7. Any other business



1-Report of the chair

- Continued physical/remote alternance of events
 - Success and allows participants from all over Belgium (and further)... but attendance to reinforce
- Many subjects to be covered in various fields (energy, medical, space,...)
- BNS Book – in review phase
- And... second book from BNS "Histoire du nucléaire en Belgique, 1990-2005 » has been made available on the website (member access only)



1-Report of the chair

- Nuclear Energy Summit – feedback

Side event at the Nuclear Energy Summit 2024
(bnsorg.be)

Side Events 20:00 to 20:30 hrs		
Organizer	Title	Location
Nuclear Threats Initiative NEL, NIA, JAR, CNA, WNA and NucleonEurope International Youth Nuclear Congress	Pathways to Gigawatts: Getting to Net Zero Green Financing in Nuclear Bridging the Divide: Fostering Transparent Dialogue to Navigate Nuclear Transition	Marie Perle Room Side Event SPACE 1 (Hall 10) Side Event SPACE 2 (Hall 10)
Belgian Nuclear Society (BNS) Belgian Nuclear Forum (BNF) The Industry Federation Agents Global Partnership of Nuclear Communities	Belgian Experiences, Expertise, and Infrastructure in Nuclear Energy Science & Engineering: An Asset for The Future Low Carbon Energy Meet the Global Partnership of Nuclear Communities to Promote Sustainable Solutions	Side Event SPACE 3 (Hall 10) Side Event SPACE 4 (Hall 10)
China National Nuclear Corporation (CNNC) SOR-CEN - Belgian Nuclear Research Centre	Powering Future with Integrated Nuclear Solutions From Pioneers to Innovators: Belgian Contributions to 3 Nuclear	Side Event SPACE 5 (Hall 10) Side Event SPACE 6 (Hall 10)
European Nuclear Society (ENS), European Nuclear Education Network (ENEN), and Sustainable Nuclear Energy Technology Platform (SNETP) European Commission, ITER, Fusion for Energy International Nuclear Lawyers Association (INLA) Third Way Adams Pavilion	Nuclear Security Community for Global Sustainable Development Fusion Energy and its Key Challenges Nuclear Law and Regulation in the 21st Century: Challenges and Opportunities Emerging Demand for Nuclear from Industrial and Tech Sectors: An Engine for Global Shift and Advanced Reactor Deployment Advancements in Nuclear Technology - Other Considerations	Side Event SPACE 1 (Hall 10) Side Event SPACE 2 (Hall 10) Side Event SPACE 3 (Hall 10) Side Event SPACE 4 (Hall 10) Side Event SPACE 5 (Hall 10)





2- Report of the secretary: BNS Activities 2023-2024



📅 Apr 25, 2024

THE EUROPEAN NUCLEAR EDUCATION NETWORK (ENEN)

📍 University Foundation



📅 Feb 22, 2024

THE TEN COMMANDMENTS OF ENERGY TRANSITION

📍 Videoconference

📅 Jan 25, 2024

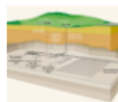
LONG TERM OPERATION DOEL 4/TIHANGE 3 : INSIGHTS ON THE PROGRAM



📅 Oct 26, 2023

RADIOACTIVE WASTE MANAGEMENT IN BELGIUM : FOCUS ON THE SURFACE DISPOSAL PROJECT IN DESSEL

📍 University foundation



📅 Jun 22, 2023

THE PROJECT OF THE CENTURY FOR NUCLEAR WASTE IN SWITZERLAND

📍 Videoconference



📅 May 25, 2023

ACTINIUM-225, A WEAPON FOR THE FIGHT AGAINST CANCER

📍 Videoconference



2- BNS Activities: 2024

Confirmed

Cerca LEU in June

BNS-YG Nuclear Science Contest 2024 in November

Suggestions/in discussion

Nuclear as a renewable: the British recipe

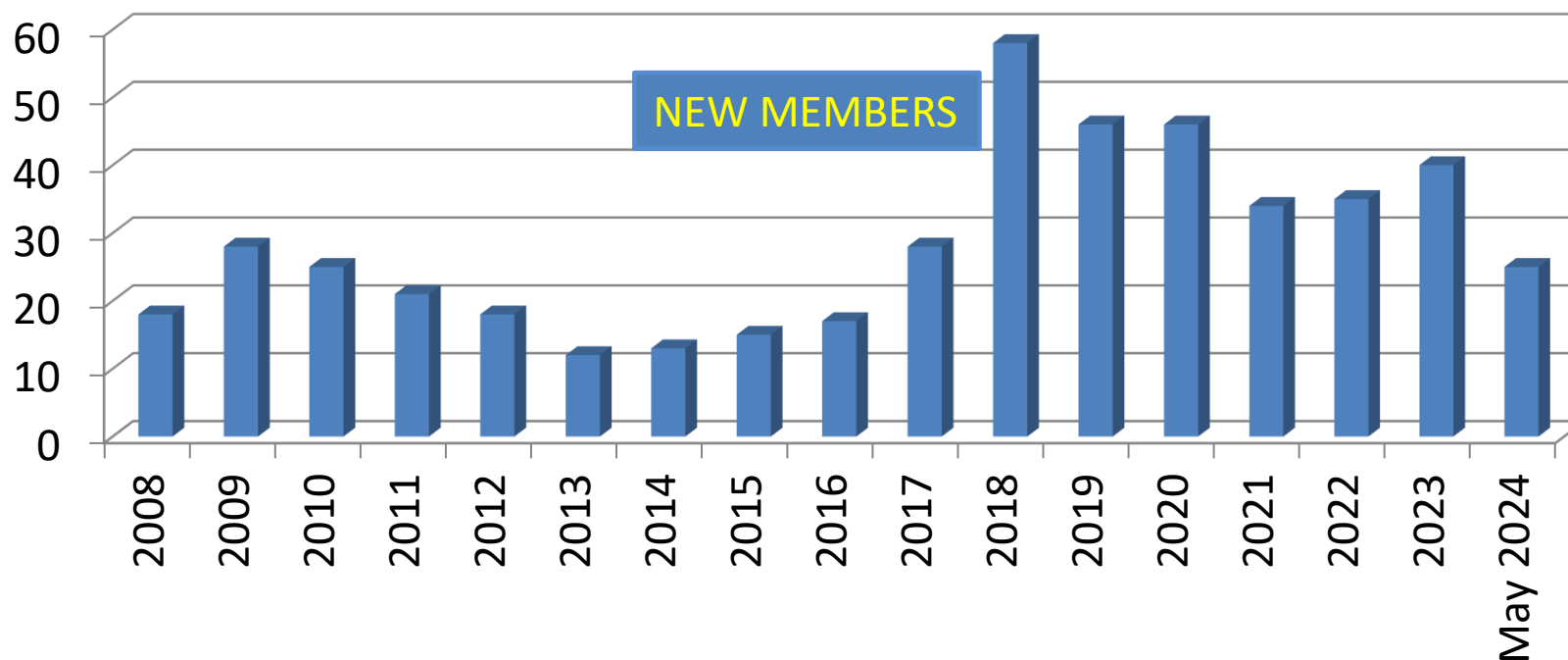
BNS YG Nuclear Science Contest

*Pay attention: these are **suggestions** only: they are **not yet confirmed** !*



2- BNS Activities: Membership

- New BNS website since a few years : do not forget to register or to mention any e-mail change !





2- BNS Activities: Membership

To date, 321 members created their account on the BNS website (and 65 subscribers).

Do not forget to create yours !

<https://bnsorg.be/register/>

(Since end of 2020, only people with an account are in the mailing list of BNS)

Those that have not yet done payment please do so urgently.

60€ to IBAN Code: BE92 2100 4003 8723



3- By-laws

Some (small) changes:

- Wording in Fr/NL (conseil d'administration → organe d'administration, 'Raad van bestuur' werd vervangen door 'bestuursorgaan')
- Number of mandates for ExCom: from 3 to 4 now
- Other minor adaptations

[Bylaws FR final.docx](#)

[Bylaws NL final.docx](#)



BNS YG Report

General Assembly – 23 May 2024



4. BNS YG - core group



Lowie Brabants
BNS-YG Chair

The core group composition:

- young nuclear professionals (<35y)
- 15 people
- 8 companies/institutions
- Networking
- Organizing several events/visits



Etienne Hoarau
BNS-YG co-chair

<i>Communications</i>	<i>Visits</i>	<i>Events</i>
Silvia Afiore	Joachim De Roo	Lancelot Dehalleux
Xavier Van Heule	Gert Pille	Benjamin Traverso
Francesca Carobene	Paul Brucker	George Petrovic
Martin Ashford	Hugo Bernat	Bram Mast
		Christophe Corazza

► Everyone is welcome to be an active participant!



4. BNS YG – Past events (1/2)

BNS representation:

- Representing Belgium at the IYNC
- Attending ENYGF
- Presence at NES
- Core committee meetings ENS
 - CCM1 –Manchester
 - CCM2 – Krakow
 - CCM3 - Ljubjana
- COP28





4. BNS YG – Past events (2/2)

BNS YG events:

- Annual Christmas dinner
- Core group meeting
- National visit
- International visit
- Scientific contest

Noelia Olivia (SCK CEN / KUL) Nuclear science and application 1st price

Statistical Analysis of the Effect of Lead-Bismuth Eutectic on Fatigue Resistance of 316L

Nathalie Heynickx (SCK CEN / UGent) Nuclear medicine and biology 1st price

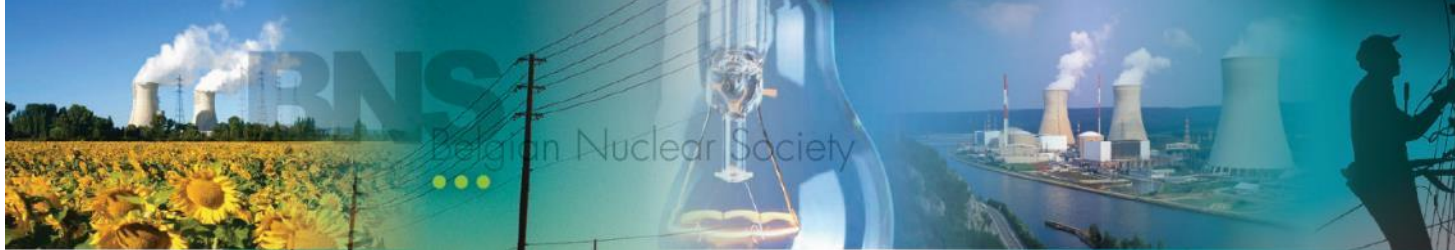
Characterization of Non-Specific Uptake and Retention Mechanisms of [^{177}Lu]Lu-PSMA-617 in the Salivary Glands

Eliott Ramoisiaux (TBE)

Nuclear waste management and decommissioning 1st price

Ambient Dose Simulation of the ProtherWal Protontherapy Centre Radioactive Shielding Decay Using BDSIM and FISPACT-II





4. BNS YG – 2024 events (1/3)



BNS-YG National Visit 2024: Visit of Westinghouse Electric Belgium

Wednesday April 10th, 2024 – 8:15 AM - 1:00 PM – Nivelles (Walloon Brabant)

• Number of visitors: 16 visitors out of 20 registered

• Agenda of the day:

- General presentation of W history and activities in the world,
- Introduction to W R&D and innovation initiatives (eVinci™ Microreactor, Pumped Thermal Energy Storage, Automated Fuel Rod Inspection...),
- Overview of W AP Technology (AP1000® & AP300™ SMR),
- Visit of the Maintenance Workshop + European Pump & Motor Workshop,
- Lunch and networking time with participants and speakers/guides.





4. BNS YG – 2024 events (2/3)

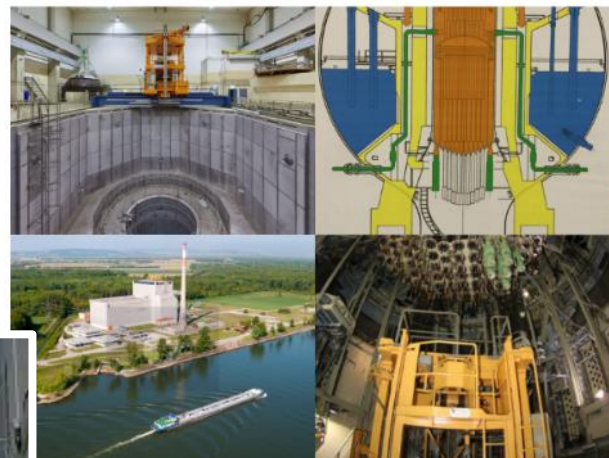
International visit: Austra, Zwentendorf NPP

Thursday – Travelling to Austria by plane

Friday – Visit of Zwentendorf NPP (transfer operated by hostel)

Saturday – Visit at Technisches Museum Wien and Social event

Sunday – cultural tour and returning to Belgium





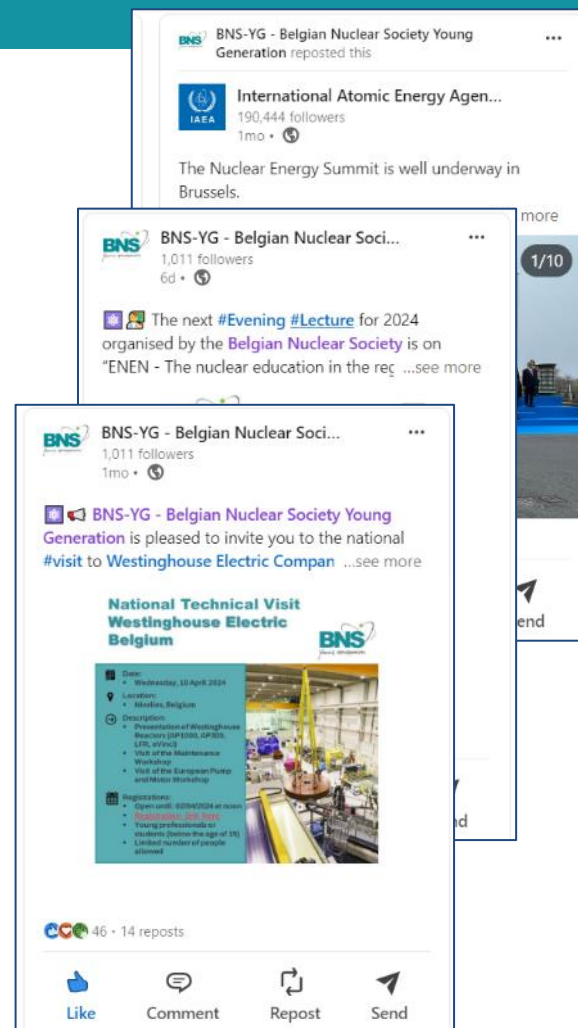
4. BNS YG – 2024 events (3/3)

Scientific contest - 2024 edition

- Date fixed (29/11/2024)
- Search for sponsors
- Call for papers opens in June

Communications

- Promote events of ENS, ENEN, IYNC for young professionals
- Announcement of the BNS evening lectures
- Updating of website
- Updating of memberships and contributions





5 – Financial Results 2023

- Cash Balance 31/12/2023

Financial Situation	31/12/2022	31/12/2023
Debit Account	7 006,20	3 703,76
Savings Account	143 240,25	133 271,29
Total	150 246,45	136 975,05



5 – Financial Results 2023

- Actuals 2023 after year closure

Overall Result	Budget 2023	Actuals 2023
Total Revenues	33 000,00	18 485,00
Total Costs	-49 050,00	-26 613,79
Net Result	-16 050,00	-8 128,79



5 – Financial Results 2023

- Revenues 2023

Description	Actual 2023
Personal memberships	4 885,00
Corporate memberships	11 600,00
Participation fee Technical Visit	0,00
Revenues conferences	0,00
NIRAS contribution Scientific Contest	2 000,00
Total	18 485,00



5 – Financial Results 2023

- Revenues 2023
 - Corporate memberships are 1 600 euro more than planned
 - Personal memberships are 2 115 euro less than planned
 - The YG did not organize an international technical visit in 2023
 - Please ensure you have paid your fee, and if not, please contact the Treasurer (Hans)



5 – Financial Results 2023

- Expenses 2023

Description	Actual 2023
Operational Costs	1 633,59
Activities (evening lectures)	11 780,50
Young generation	10 175,70
Membership ENS	3 024,00
Total	26 613,79



5 – Financial Results 2023

- Expenses 2023
 - Operational expenses lower than expectations (less IT costs)
 - Physical events are the main expense but lower than expected (less participants)
 - The YG did not perform an international technical visit



6 – Budget 2024 Revenues

REVENUES	Budget 2024	Budget 2023
Membership Fees	€ 18.000	€ 17.000
Corporate Members	€ 11.000	€ 10.000
Members	€ 7.000	€ 7.000
Others Prices (NIRAS-ONDRAF, ...)	€ 3.500	€ 2.000
NIRAS-ONDRAF Price	€ 2.000	€ 2.000
NUXAM Price	€ 1.000	
Medical Track Price	€ 500	
Conferences	€ 9.000	€ 9.000
ENYGF (revenue for YG)	€ 9.000	€ 9.000
YG Technical Visits	€ 5.000	€ 5.000
International visit	€ 5.000	€ 5.000
Subtotal	€ 35.500	€ 33.000



5 – Budget 2024 Expenses

EXPENSES	Budget 2024	Budget 2023
OPERATIONAL COSTS	-€ 2.700	-€ 3.200
Assistance/Insurance	-€ 250	-€ 250
IT/Internet	-€ 1.000	-€ 1.500
Furnitures	-€ 100	-€ 100
Accounting	-€ 900	-€ 900
Legal Publications	-€ 150	-€ 150
Taxe ASBL	-€ 300	-€ 300
ACTIVITIES	-€ 45.700	-€ 42.600
Evening Lectures	-€ 19.250	-€ 18.750
Evening Lectures - Rent	-€ 2.000	-€ 4.500
Evening Lectures - Drinks	-€ 15.000	-€ 12.000
Evening lectures - Travel/Lodging	-€ 500	-€ 500
Evening Lectures - Gifts	-€ 500	-€ 500
Evening Lectures - Diner	-€ 1.250	-€ 1.250
Young Generation	-€ 26.450	-€ 23.850
YG General	-€ 2.000	-€ 2.500
YG Technical Visit Belgium	-€ 100	-€ 500
YG Technical Visit International	-€ 8.000	-€ 4.000
YG Social Activities	-€ 1.000	-€ 3.100
YG Scientific Contest	-€ 5.000	-€ 4.850
Prices NIRAS	-€ 2.000	-€ 2.000
International Representation & Conf	-€ 8.350	-€ 6.900
MEMBERSHIP ENS	-€ 3.000	-€ 3.000
FINANCES	-€ 200	-€ 250
Bank	-€ 100	-€ 100
Tax on financial revenues	-€ 100	-€ 150
	-€ 51.600	-€ 49.050



5 – Budget 2024

Overall	Budget 2024	Budget 2023
Total Revenues	35 500	33 000
Total Costs	-51 600	-49 050
Net Result	-16 100	-16 050



5 – Budget 2024

Revenues:

- We have maintained the budget for revenues of personal memberships.
- We have slightly increased the budget for revenues of corporate memberships.
- Special fee for SME's is a success.

Expenses:

- Operational costs are in line with previous years.
- Presential EVL's are a big cost driver.
- The YG main cost is the international technical visit, the price money for the Scientific contest and their very active participation in the ENS.

The planned deficit for 2024 is just 16 100 €.



5 - Approvals

- Comments/Questions on reporting?
- Approval of the financial reporting of 2023?
- Discharge of the Executive Committee?
- Approval of the budget for 2024?



BNS GA Elections

General Assembly – 23 May 2024



6 – elections: current executive Committee (16 p)

The Trombinoscope
is on the Website !

Michèle Auglaire

Michel Ceuppens

Vincent Massaut

Marc Deffrennes

Hans Naômé

Gert Pille

Nicolas Castin

Gérald Degreef

Femke Flachet

Guido Mulier

Badea Martinotti

Emmanuel Girasa

Chairman

Vice-Chairman

Past Chairman

Liaison Officer

Treasurer

BNS-YG chairman

Webmaster

Secretary

Yves Crommelynck

Eric van Walle

Hamid Aït Abderrahim

Sammy Shihab



6 - Elections

- Discharge of the current board
- Call for candidates:
 - Email sent to all BNS members 12 February 2024
 - There must be between 12 and 16 ExCom members according to internal rules
 - All current ExCom members must represent themselves (except if more than 4 mandates)
 - Candidatures were accepted until 15th of March 2024 at 23:59.
- 4 valid candidatures received (see next slide for details)



6 – elections: future executive Committee (16 p)

The Trombinoscope
is on the Website !

Michèle Auglaire

Michel Ceuppens

Vincent Massaut

Marc Deffrennes

Hans Naômé

Lowie Brabants

Nicolas Castin

Gérald Degreef

Femke Flachet

Badea Martinotti

Emmanuel Girasa

Marius Lontos

Chairman

Vice-Chairman

Past Chairman

Liaison Officer

Treasurer

BNS-YG chairman

Webmaster

Secretary

Yves Crommelynck

Hamid Aït Abderrahim

Christophe Bruggeman

Etienne Hoarau

New members in green

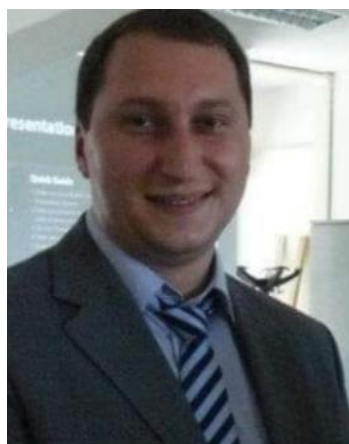


5 – Elections: 4 New candidates



Lowie Brabants
Engie

“Fueled by passion for nuclear energy, I aim to empower the next generation of nuclear professionals.”



Marius Lontos
SCK-CEN

“Nuclear engineer with 20 years of experience in different types of nuclear installations, different types of organizations, and different countries.”



Christophe Bruggeman
SCK-CEN

“Christophe Bruggeman is the deputy director-general of SCK CEN, has 25 years experience in radioactive waste management & decommissioning, and is a guest professor at KULeuven and ULiège.”



Etienne Hoarau
Engie

“Passionate french engineer who join the Belgian ranks in 2018 to help with various subject such as radiomonitoring and waste management. Currently chairman of the radiological characterisation committee at EBL and team leader at TE.”



7 – Any Other Business

Thank you to all members for your fidelity and support !
Thank for the continuous help of our sponsors and our members !



Special Thanks to our corporate members





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